

AMENDMENTS

In the Claims

13. A computer readable storage medium storing instructions executable by a computer system to perform a method, wherein
the computer system is contained in a first secondary node in data communication with a primary node,
the primary node comprises a first server and stores a data volume,
the first secondary node comprises a second server and a first replica of the data volume,
and
the method comprises:
receiving modified data of the data volume from the primary node;
overwriting data of the first replica with the modified data;
processing the modified data to generate processed data;
the first secondary node transmitting the processed data to the primary node;
the primary node receiving and transmitting the processed data to a second secondary node, wherein the second secondary node comprises a second replica of the data volume and the second secondary node comprises a third server; and
the second secondary node receiving and storing the processed data in memory.